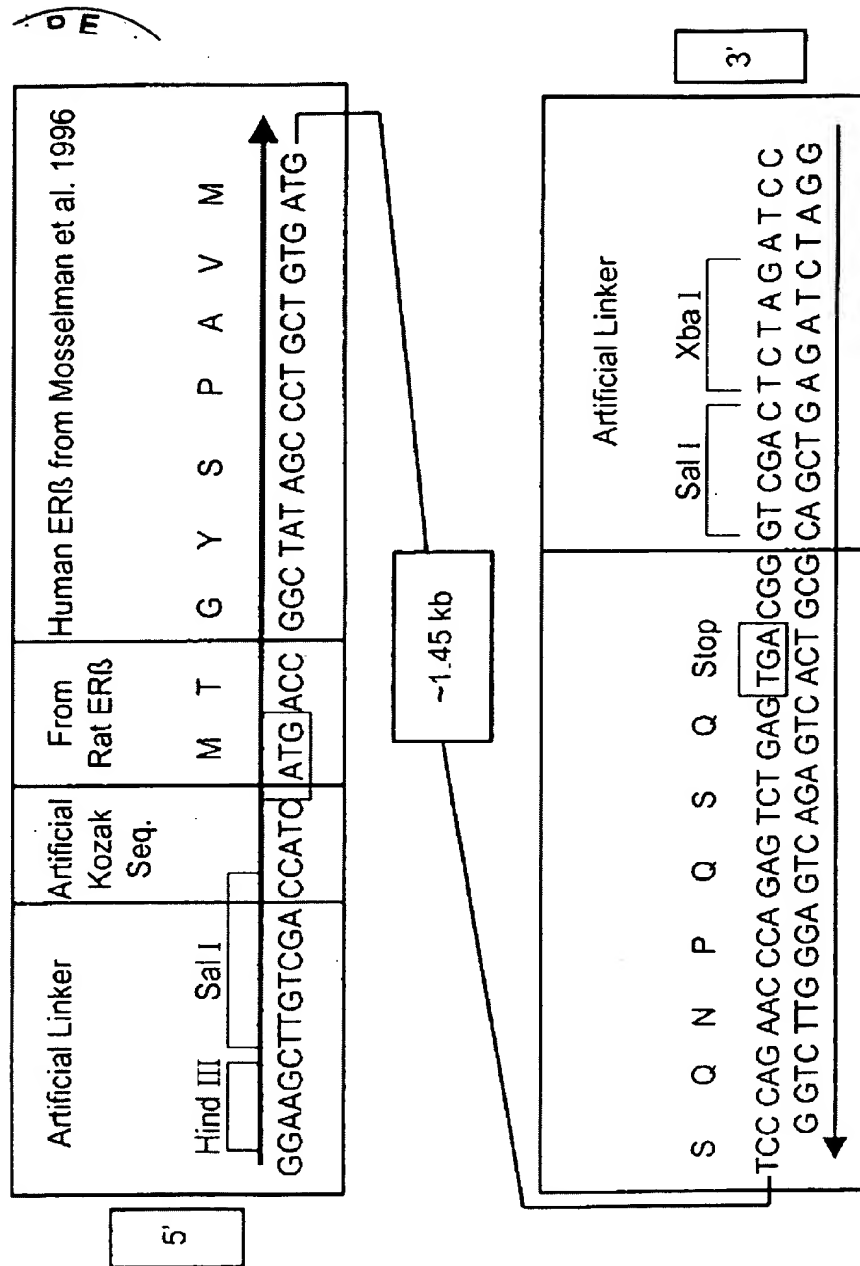


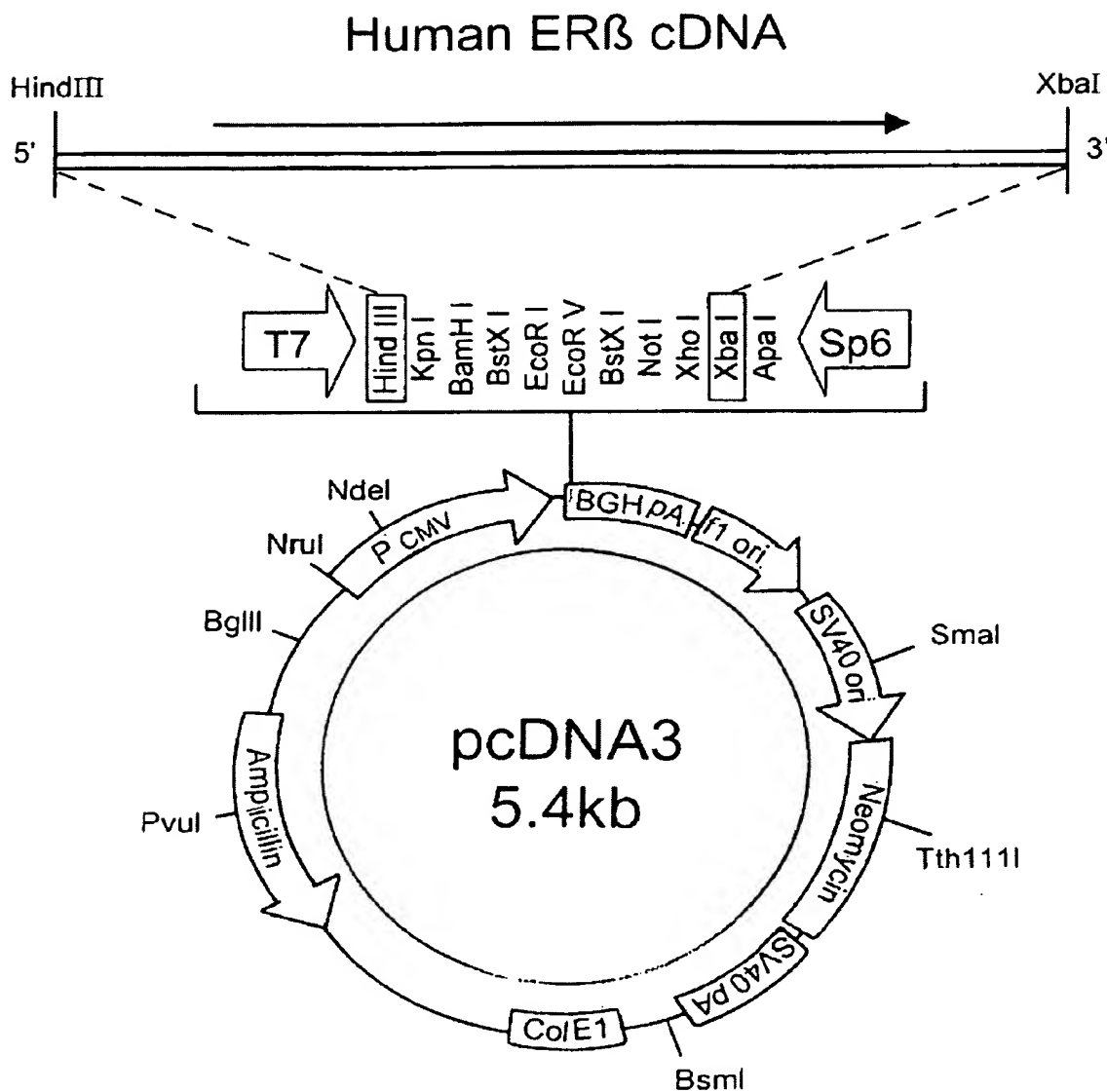


FIG. 1





**FIG. 2**





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## FIG. 3

CAGCCATTATACTTGCCACGAATCTTTGAGAACATTATAATGACCTTTGTGCCTCTTCT 60  
TGCAAGGTGTTTTCTCAGCTGCTATCTCAAGACATGGATATAAAAACTCACCATCTAGC 120  
CTTAATTCTCCTTCTCTCACTGCAATCCATCTTACCCCTGGAGCACGGCTCC 180  
ATATACATACCTTCTCTCTATGTAGACAGCCACCATGAATATCCAGCCATGACATTCTAT 240  
AGCCCTGCTGTGATGAATTACAGCATTCCCAGCAATGTCACATACTTGGAGGTGGGCCT 300  
GGTCGGCAGACCACAAGCCCAAATGTGTGTGGCCAACACCTGGGCACCTTTCTCTTTTA 360  
GTGGTCCATCGCCAGTTATCACATCTGTATGCGGAACCTCAAAAGAGTCCCTGGTGTGAA 420  
GCAAGATCGCTAGAACACACCTTACCTGTAAACAGAGAGACACTGAAAAGGAAGGTTAGT 480  
GGGAACCGTTGCGCCAGCCCTGTTACTGGTCCAGGTTCAAAGAGGGATGCTCACTTCTGC 540  
GCTGTCTGCAGCGATTACGCATCGGGATATCACTATGGAGTCTGGTCTGTGAAGGATGT 600  
AAGGCCTTTTTTAAAAGAAGCATTCAAGGACATAATGATTATATTTGTCCAGCTACAAAT 660  
CAGTGTAACAATCGATAAAAAACCGGCGCAAGAGCTGCCAGGCCTGCCGACTTCGGAAGTGT 720  
TACGAAGTGGGAATGGTGAAGTGTGGCTCCCGGAGAGAGAGATGTGGGTACCGCCTTGTG 780  
CGGAGACAGAGAAGTGCCGACGAGCAGCTGCACTGTGCCGGCAAGGCCAAGAGAAGTGGC 840  
GGCCACGCGCCCCGAGTGCAGGAGCTGCTGCTGGACGCCCTGAGCCCCGAGCAGCTAGTG 900  
CTCACCTCTCTGGAGGCTGAGCCGCCCCATGTGCTGATCAGCCGCCCCAGTGCAGCCCTT 960  
ACCGAGGCCTCCATGATGATGTCCCTGACCAAGTTGGCCGACAAGGAGTTGGTACACATG 1020  
ATCAGCTGGGCCAAGAAGATTCCCGGCTTTGTGGAGCTCAGCCTGTTGACCAAGTGCGG 1080  
CTCTTGGAGAGCTGTTGGATGGAGGTGTTAATGATGGGGCTGATGTGGCGCTCAATTGAC 1140  
CACCCCGGCAAGCTCATCTTTGCTCCAGATCTTGTCTGGACAGGGATGAGGGGAAATGC 1200  
GTAGAAGGAATTCTGGAAATCTTTGACATGCTCCTGGCAACTACTTCAAGGTTTCGAGAG 1260  
TTAAACTCCAACACAAAGAATATCTCTGTGTCAAGGCCATGATCCTGCTCAATTCCAGT 1320  
ATGTACCCTCTGGTCAAGCGACCCAGGATGCTGACAGCAGCCGGAAGCTGGCTCACTTG 1380  
CTGAACGCCGTGACCGATGCTTTGGTTTGGGTGATTGCCAAGAGCGGCATCTCCTCCAG 1440  
CAGCAATCCATGCGCCTGGCTAACCTCCTGATGCTCCTGTCCACGTGAGGCATGCGAGT 1500  
AACAAAGGCATGGAACATCTGCTCAACATGAAGTGCAAAAATGTGGTCCCAGTGTATGAC 1560  
CTGCTGCTGGAGATGCTGAATGCCCACGTGCTTCGCGGGTGCAAGTCTCCATCACGGGG 1620  
TCCGAGTGCAGCCCGCAGAGGACAGTAAAAGCAAAGAGGGCTCCCAGAACCCACAGTCT 1680  
CAGTGA 1686

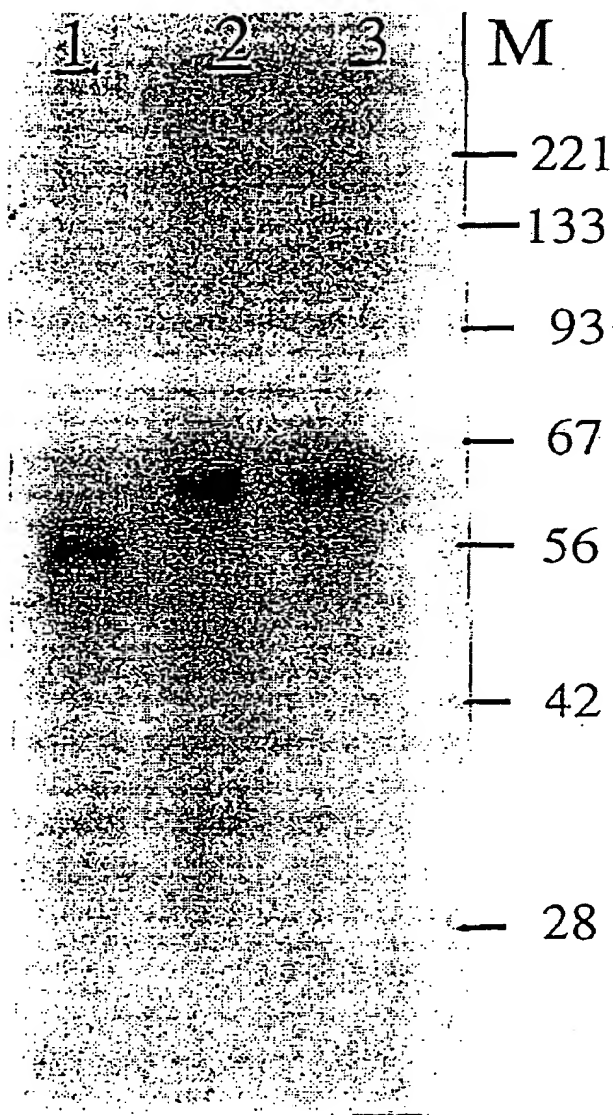
## FIG. 4

MDIKNSPSSL NSPSSYNCSO SILPLEHGS I YIPSSYVDSH HEYPAMTFYS 50  
PAVMNYSIPS NVTNLEGGPG RQTTSPNVLW PTPGHLSPV VHRQLSHLYA 100  
EPQKSPWCEA RSLEHTLPVN RETLKRKVS NRCASPVTPG GSKRDAHFCA 150  
VCSDYASGYH YGVWSCGCK AFFKRSIQH NDYICPATNQ CTIDKNRRKS 200  
CQACRLRKCY EVGMVKCGSR RERCYRLVR RQSADEQLH CAGKAKRSG 250  
HAPRVRELL DALSPQLVL TLLEAEPPHV LISRPSAPFT EASMMMSLTK 300  
LADKEI.VHMI SWAKKIPGFV ELSLFDQVRL LESCWMEVLM MGLMWRSIDH 350  
PGKLI.FAPDL VLDRDEGKCV EGILEIFDML LATTSRFREL KLQHKYLCV 400  
KAMILNSSM YPLVTATQDA DSSRKLALH NAVTDALVWV IAKSGISSQ 450  
QSMRLANLLM LLSHVRHASN KGMEHLLNMK CKNVVPVYDL LLEMLNAHVL 500  
RGCKSSITGS ECSPAEDSKS KEGSQNPQSQ 531

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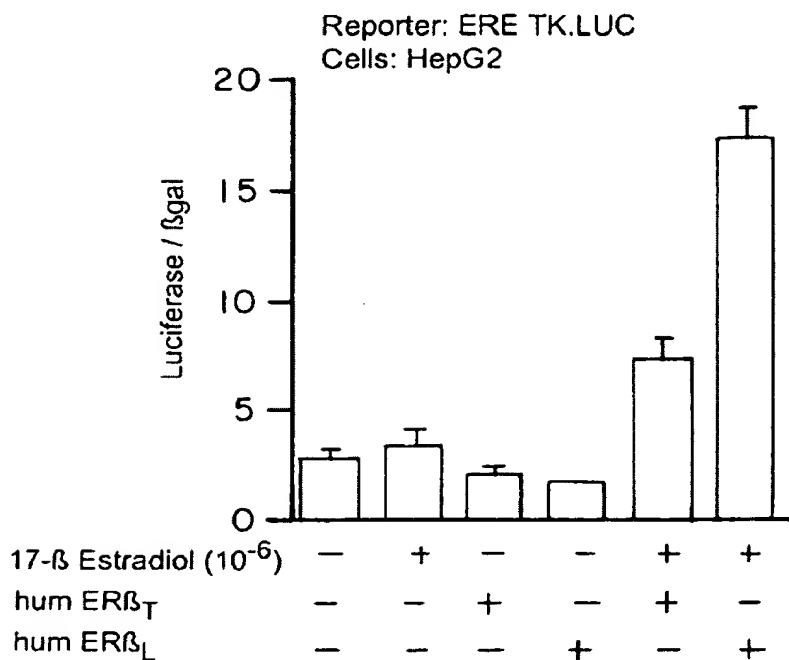


**FIG. 5**

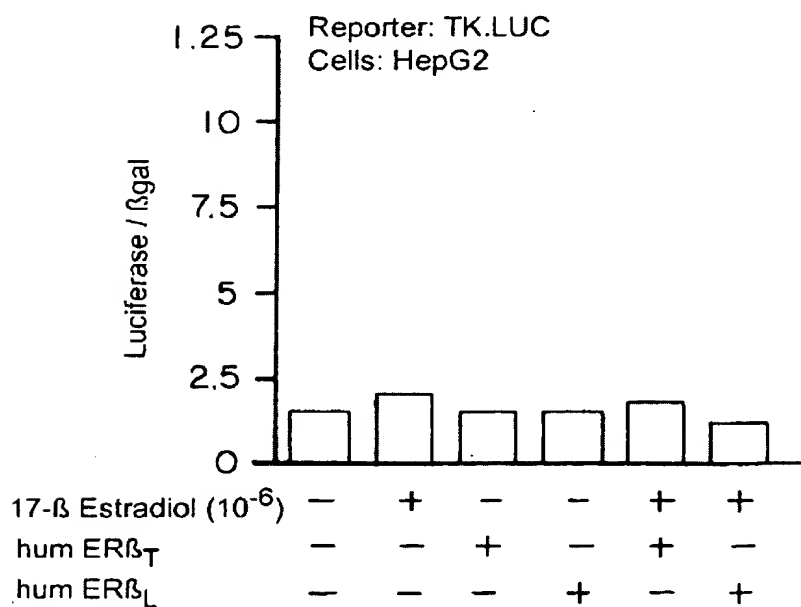




**FIG. 6A**



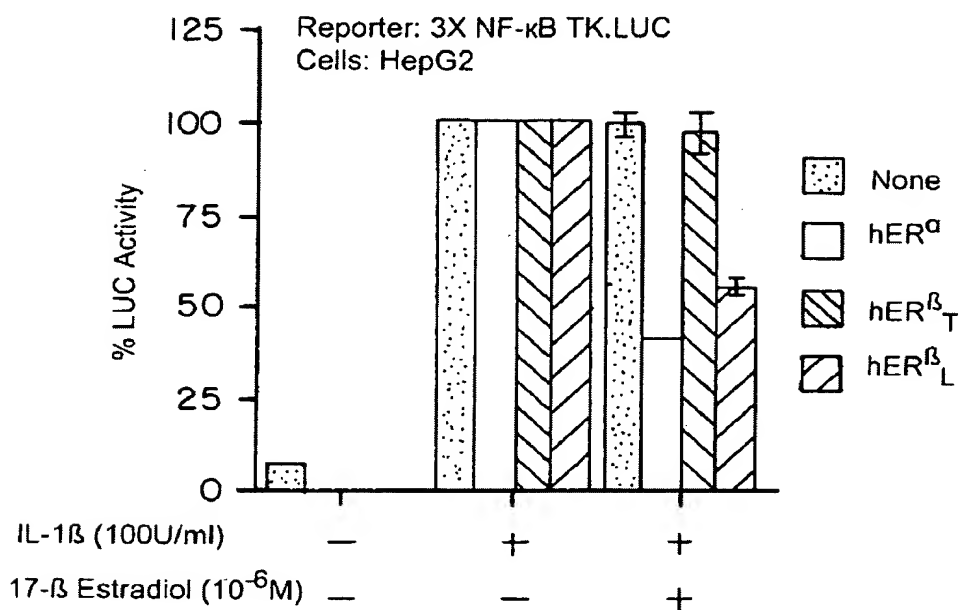
**FIG. 6B**



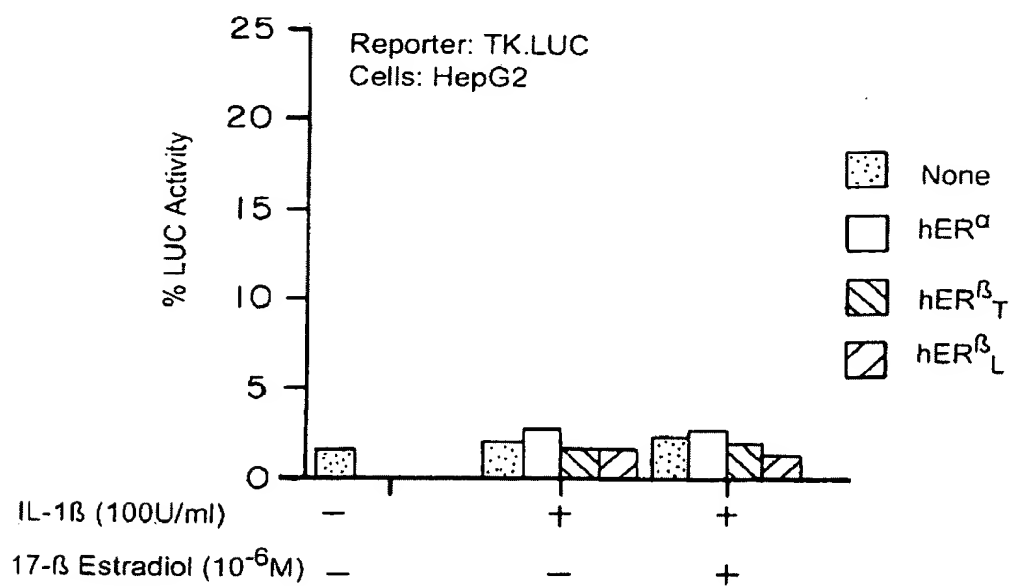


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**FIG. 7 A**



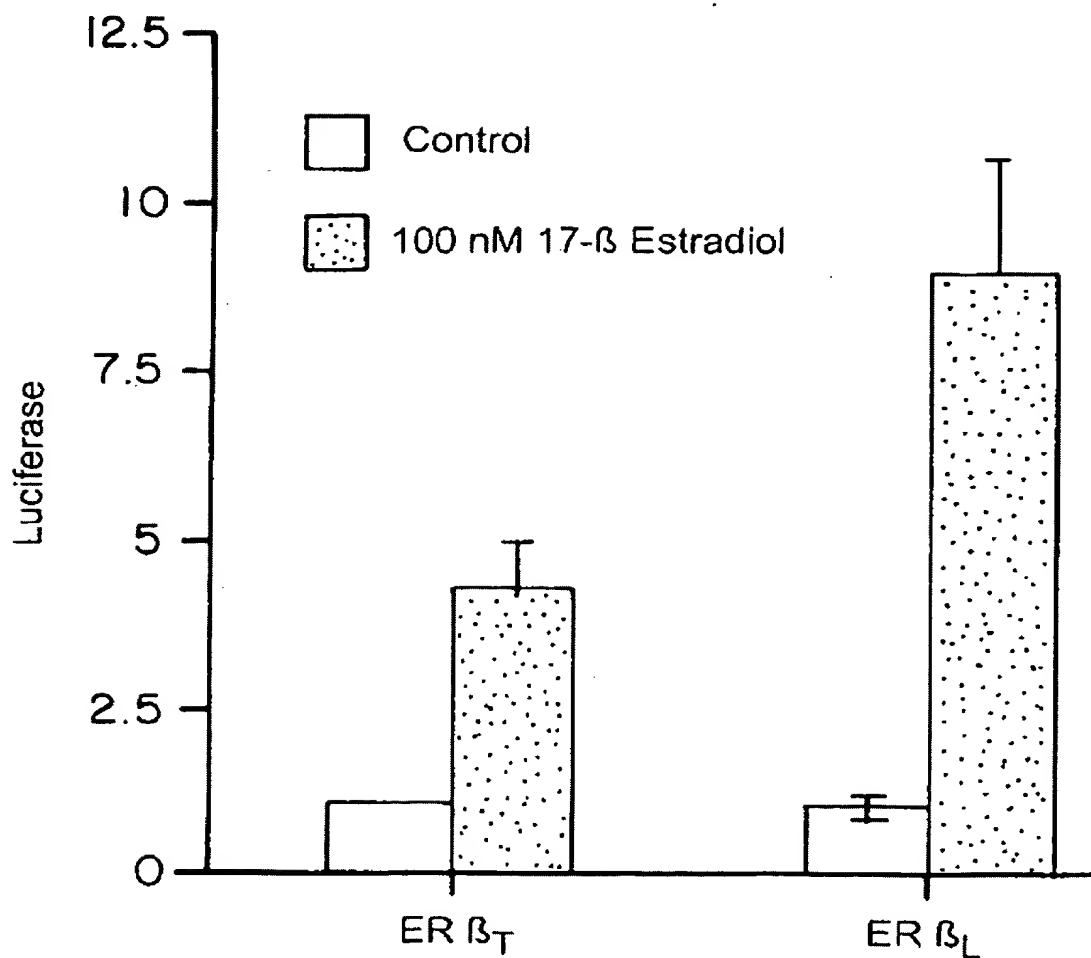
**FIG. 7 B**



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**FIG. 8**



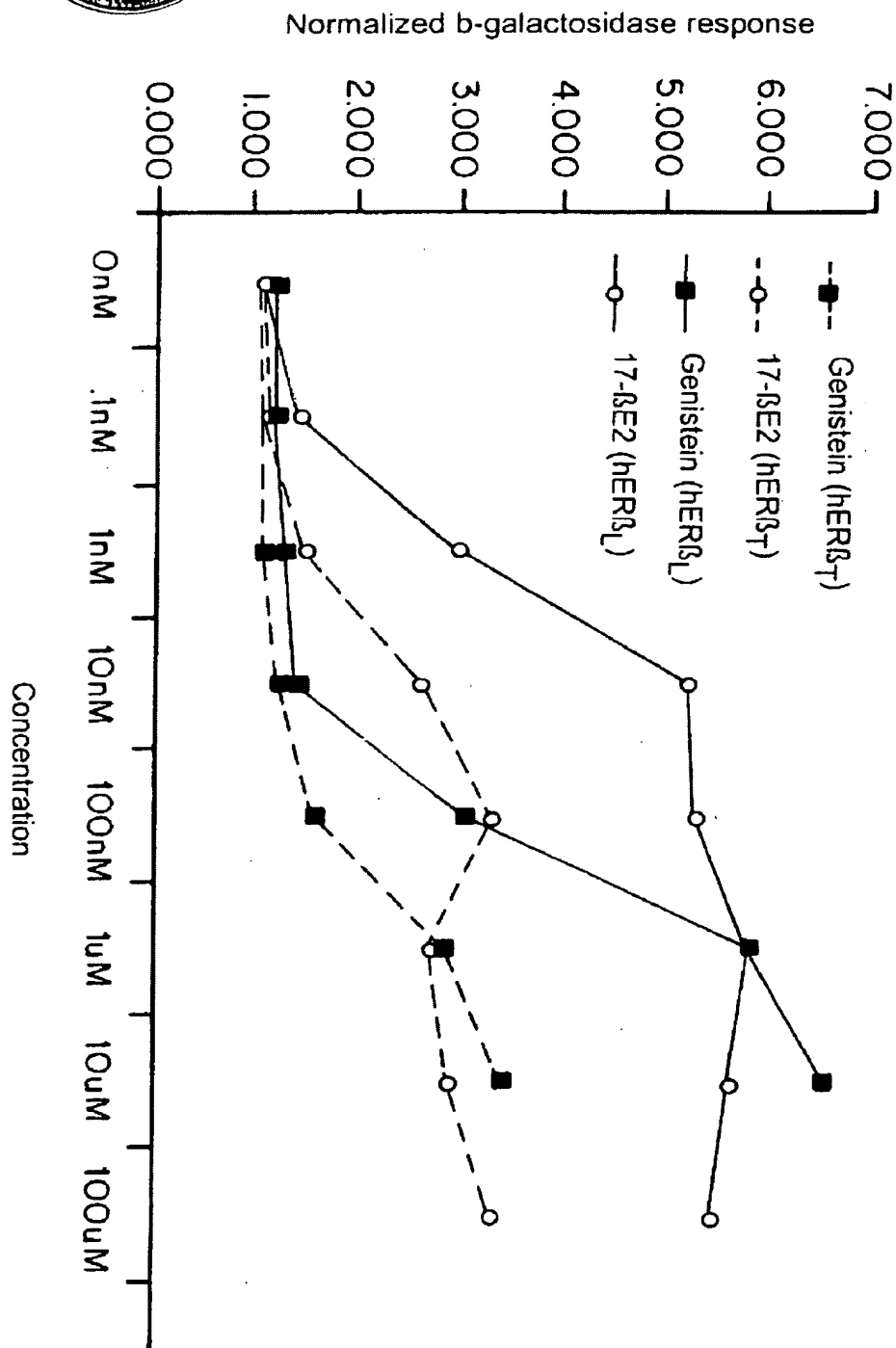


FIG. 9